


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <b>7700</b> <b>Accredited to ISO/IEC 17025:2017</b>	<b>Chief Constable of Suffolk Constabulary</b> <b>Issue No: 017 Issue date: 19 November 2021</b>	
	<b>Forensic Services Department Operations and Communications Centre Falconers Chase Wymondham Norfolk NR18 0WW</b>	<b>Contact: Georgina Cornish-Varley Tel: +44 (0)7973823698 E-Mail: Georgina.cornish-varley@norfolk.pnn.police.uk</b>

**Testing performed by the Organisation at the locations specified below**

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> Forensic Services Department Operations and Communications Centre Falconers Chase Wymondham Norfolk NR18 0WW	<b>Local contact:</b> Georgina Cornish-Varley Quality Manager  Tel: +44 (0)1953 424240  E-Mail: Georgina.cornish- varley@norfolk.pnn.police.uk	Head Office and Forensic Analysis  A
<b>Address</b> Halesworth Police Station Norwich Road Halesworth IP19 8HJ	<b>Local contact:</b> Georgina Cornish-Varley Quality Manager  Tel: +44 (0)1953 424240  E-Mail: Georgina.cornish-varley@norfolk.pnn.police.uk	Forensic Analysis  B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	<u>Forensic Analysis</u>	The organisation has demonstrated adherence to the relevant requirements of the Forensic Science Regulators Code of Practice and Conduct in relation to their Forensic Activities	A, B
DIGITAL DEVICES AND DATA	<u>Forensic Analysis</u>		
Computers			
Computers and digital storage devices	Physical capture and preservation of data	Documented in-house method(s) (DFT SOP1,4) using: - AccessData FTK Imager - CAINE - Guidance Tableau Imager - Guidance Tableau T356789iu - Guidance Tableau T8u	B
- Hard disk drives - Solid state drives - Memory cards - USB flash drives			
Computers and digital storage devices	Physical capture and preservation of data	Documented in-house method(s) (DFT SOP1,4) using: - BlackBag MacQuisition	B
- Hard disk drives - Solid state drives			
Mobile phones			
Mobile phone handsets and tablets associated with the following operating systems:	Physical capture and preservation of data	Documented in-house method(s) (DFT SOP9) using: - MSAB XRY - Cellebrite UFED 4PC	B
- Google Android - Non-smartphone proprietary systems			
Mobile phone handsets and tablets associated with the following operating systems:	Logical capture and preservation of data	Documented in-house method(s) (DFT SOP9) using: - MSAB XRY - Cellebrite UFED 4PC - Manual examination	B
- Apple iOS - Google Android - Non-smartphone proprietary systems			



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DIGITAL DEVICES AND DATA	<u>Forensic Analysis</u>		
Mobile phones (cont'd)			
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Google Android - Non-smartphone proprietary systems	Processing of data	Documented in-house method(s) (DFT SOP9) using: - MSAB XRY - MSAB XAMN - Cellebrite UFED Physical Analyzer	B
(U)SIM cards	Logical capture and preservation of data	Documented in-house method(s) (DFT SOP9) using: - MSAB XRY - MSAB XAMN	B
	Processing of data	Documented in-house method(s) (DFT SOP9) using: - MSAB XRY - MSAB XAMN	B
Memory cards associated with mobile phone handsets and tablets	Physical capture and preservation of data	Documented in-house method(s) (DFT SOP9) using: - AccessData FTK Imager	B
	Processing of data	Documented in-house method(s) (DFT SOP9) using: - MSAB XRY - MSAB XAMN	B



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<p><b>MARKS AND IMPRESSIONS</b></p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p>	<p><u>Forensic Analysis</u></p> <p>Enhancement of fingermarks</p>	<p>Documented in-house methods using chemical and physical enhancement techniques (method numbers in brackets)</p> <ul style="list-style-type: none"> <li>- Cyanoacrylate (CNA) Fuming (FDL04)</li> <li>- Basic Yellow 40 ethanol based and aqueous (BY40) (FDL01)</li> <li>- 1,8-Diazafluoren-9-one (DFO) (FDL02)</li> <li>- Ninhydrin (FDL03)</li> <li>- Powder suspensions (FDL05) Carbon based - black Titanium dioxide based- white</li> </ul> <p>Documented in-house methods using visual and lighting enhancement techniques (FDL15)</p> <ul style="list-style-type: none"> <li>- Visual examination</li> <li>- White light</li> <li>- High Intensity Light Sources Crimelite 82s: Blue (<math>\lambda = 430-470\text{nm}</math>) Green (<math>\lambda = 490-560\text{nm}</math>) Crimelite 80s Blue (<math>\lambda = 420-470\text{nm}</math>) Green (<math>\lambda = 490-560\text{nm}</math>) Crimelite ML2 Blue (<math>\lambda = 420-470\text{nm}</math>) Green (<math>\lambda = 490-560\text{nm}</math>)</li> </ul> <p>Documented in-house methods for imaging / digital capture</p> <ul style="list-style-type: none"> <li>- DCS5 (DCSSOP01)</li> </ul>	<p>A</p>
<p>Developed fingerprint marks</p>	<p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</p>	<p>Documented in-house method (FDL15) using visual examination</p>	<p>A</p>



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Fingermark and palm mark friction ridge detail	Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb and palm from: <ul style="list-style-type: none"><li>• Known inked TENPRINTS</li><li>• Known electronic TENPRINTS</li></ul>	Documented in-house methods using visual examination, low power magnification, comparators, dimensional measurements and reference database	A
	<u>Opinion and Interpretation</u> The evaluation of features between fingermark and palm mark friction ridge detail	Documented in-house methods using: <ul style="list-style-type: none"><li>• Personal experience</li><li>• Databases</li></ul>	A
END			